

hypotension, liver cirrhosis, and nephrotic syndrome. In addition they can be used to facilitate diuresis or control intestinal fluid.

5 The peptides can be used alone or in combination therapy to treat disorders associated with bicarbonate secretion, e.g., Cystic Fibrosis.

The peptides can be used alone or in combination therapy to treat disorders associated with liver cell regeneration.

10 What is claimed is:

1. A purified peptide comprising the amino acid sequence (I): Xaa₁ Xaa₂ Xaa₃ Xaa₄ Xaa₅ Cys₆ Cys₇ Xaa₈ Xaa₉ Cys₁₀ Cys₁₁ Xaa₁₂ Xaa₁₃ Xaa₁₄ Cys₁₅ Xaa₁₆ Xaa₁₇ Cys₁₈ Xaa₁₉ Xaa₂₀ Xaa₂₁ wherein: Xaa₁ Xaa₂ Xaa₃ Xaa₄ Xaa₅ is Asn Ser Ser Asn Tyr or is missing or Xaa₁ Xaa₂ Xaa₃ Xaa₄ is missing.

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2. The purified peptide of claim 1 wherein Xaa₅ is Asn, Trp, Tyr, Asp, or Phe.

3. The purified peptide of claim 1 wherein Xaa₅ is Thr or Ile.

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4. The purified peptide of claim 1 wherein Xaa₅ is Tyr, Asp or Trp.

5. The purified peptide of claim 1 wherein Xaa₈ is Glu, Asp, Gln, Gly or Pro.

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6. The purified peptide of claim 1 wherein Xaa₉ is Leu, Ile, Val, Ala, Lys, Arg, Trp, Tyr or Phe.

7. The purified peptide of claim 1 wherein Xaa₉ is Leu, Ile, Val, Lys, Arg, Trp, Tyr or Phe.

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8. The purified peptide of claim 1 wherein Xaa₁₂ is Asn, Tyr, Asp or Ala.

9. The purified peptide of claim 1 wherein Xaa₁₃ is Ala, Pro or Gly.

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10. The purified peptide of claim 1 wherein Xaa₁₄ is Ala, Leu, Ser, Gly, Val, Glu, Gln, Ile, Leu, Lys, Arg, or Asp.

11. The purified peptide of claim 1 wherein Xaa₁₆ is Thr, Ala, Asn, Lys, Arg, Trp.

12. The purified peptide of claim 1 wherein Xaa₁₇ is Gly, Pro or Ala.

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13. The purified peptide of claim 1 wherein Xaa₁₉ is Trp, Tyr, Phe, Asn or Leu.